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(54) **Peptide aldehydes as antithrombotic agents.**

(57) This invention relates to novel arginine aldehydes, their salts and hydrates, which compounds selectively exhibit serine proteases inhibitory activity, are highly stable in aqueous solutions, and are useful for anti-trypsin and anti-thrombin activity.

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INCOMPLETE SEARCH

Claims searched completely : 2,3
Claims searched incompletely : 1,3,6-10
Claim not searched : 4

LACK OF CONCISENESS

The substituent R6 is not defined in the following claims:
1,3,6-10.

The definition of the following substituent(s) is too general and/or encompasses too broad a range of totally different chemical groups, only partly supported by examples given in the description part of the application:

R3, R4, R5, R6 (see above), X, Y, m, n

The number of theoretically conceivable compounds resulting from the combination of all claimed substituents of above list precludes a comprehensive search. Guided by the spirit of the application and the inventive concept as disclosed in the descriptive part of the present application the search has been limited to the following case(s):

n=1, R7=CHO, R5 and R3/R4 forming a pyrrolidine ring (PRO),
X=CO, SO2, Y=CH-CH, R6= a cyclic substituent (alicyclic, aromatic or heterocyclic)

(Cf. Arts. 83, 84 EPC, Rule 45 EPC, Guidelines Exam. Part B, Chapt. III, 3.6, 3.7)



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which under Rule 45 of the European Patent Convention
shall be considered, for the purposes of subsequent
proceedings, as the European search report

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 8)
D,X	JOURNAL OF MEDICINAL CHEMISTRY. vol. 33, no. 6, 1990, WASHINGTON US pages 1729 - 1735 * the whole document *	1, 3, 6-10	C07D207/16 C07D211/76 A61K37/64 C07D401/06 C07D403/06 C07D409/06 C07D417/06 C07K5/06 C07K5/08 A61K31/40
D,X	JOURNAL OF MEDICINAL CHEMISTRY. vol. 33, no. 1, 1990, WASHINGTON US pages 86 - 93 * the whole document *	1, 3, 6-10	
D,X	US-A-4 478 745 (BAJUSZ ET. AL.) 23 October 1984 * the whole document *	1, 3, 6-10	
D,X	US-A-4 399 065 (BAJUSZ ET. AL.) 16 August 1983 * the whole document *	1, 3, 6-10	
D,X	US-A-4 316 889 (BAJUSZ ET. AL.) 23 February 1982 * the whole document *	1, 3, 6-10	
-/-			TECHNICAL FIELDS SEARCHED (Int. Cl. 8)
			C07D C07K
INCOMPLETE SEARCH			
<p>The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims</p> <p>Claims searched completely:</p> <p>Claims searched incompletely:</p> <p>Claims not searched:</p> <p>Reasons for the limitation of the search:</p> <p style="text-align: center;">see sheet C</p>			
Place of search THE HAGUE		Date of completion of the search 29 JANUARY 1993	Examiner Bernd Kissler
CATEGORY OF CITED DOCUMENTS			
<p>X : particularly relevant if taken alone</p> <p>Y : particularly relevant if combined with another document of the same category</p> <p>A : technological background</p> <p>O : non-written disclosure</p> <p>F : intermediate document</p> <p>T : theory or principle underlying the invention</p> <p>E : earlier patent document, but published on, or after the filing date</p> <p>D : document cited in the application</p> <p>L : document cited for other reasons</p> <p>a : member of the same patent family, corresponding document</p>			



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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Art. C. 5)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
D,X	US-A-4 703 036 (BAJUSZ ET. AL.) 27 October 1987 * the whole document * -----	1,3,6-10	
P,X	GB-A-2 244 994 (RICHTER GEDEON) 18 December 1991 * the whole document * -----	1,3,6-10	
P,X	EP-A-0 479 489 (ELI LILLY) 8 April 1992 * the whole document * -----	1,3,6-10	
			TECHNICAL FIELDS SEARCHED (Art. C. 5)

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